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Art Unit: 2822

02118-URSD

AMENDMENTS TO THE SPECIFICATION:

Page 1, amend paragraph [0001] as:

[0001] This is a division of US Application No. 09/333,106, filed June 15, 1999, now Patent No. 6,519,841.

Page 1, amend paragraph [0002] as:

[0002] The present invention relates to a method, and more particularly to a method of [[IC]] integrated circuit (IC) packing/unpacking for preserving and updating data stored in the IC and the structure thereof. By the packing method, the data stored in the IC is prevented from stealing theft and copying by others. With such a structure, the operator is able to proceed a data updating process under a safe situation.

A
Page 1, amend paragraph [0003] as:

[0003] It is known in the art that IC is used to store data which includes programs and information. By the programs or information stored in the IC, devices[,] such as personal computer, ~~is~~ computers are able to process a predetermined function. To enhance the speed and perfection of various functions, designers all try to upgrade the programs they use. Therefore, all kinds of software are developed to the market, and people do benefit from the developed software. However, because the IC itself does not have a defensive system, data and programs stored in the IC may be copied illegally by others by opening its package and reverse enginering. ~~pirate is able to use the RF frequency generated when data transmitted to copy the program code. In such a way, the~~

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~~designers' perspiration will be wasted and no one wants to spend time to design and develop programs, which is a lost to all industries and a shame to all mankind.~~

A¹
Page 2, amend the paragraph [0004] as:

[0004] In order to encourage people to continue to design good and efficient programs, the present invention [[tends]] intends to introduce a method for packing/unpacking IC [[, such]] so that the data stored in the IC will be protected and piracy action is stopped.

A²
Page 3, amend paragraph [0012] as:

[0012] Fig. 3 is a perspective view showing an alternative embodiment of the structure of the invention; and

A²
Page 3, amend paragraph [0013] as:

[0013] Fig. 4 is a perspective view showing still an alternative embodiment of the structure of the invention.

A³
Pages 4-5, amend paragraph [0015] as:

[0015] Referring to [[Fig.]] Figs. 1 and 2, it is to be noted that the upper plate (10) further has a trough (12) defined therein and a plurality of coding buttons (13) formed below the trough (12) for activating the programs stored in the IC in the PCB (30). Furthermore, to unpack the encased PCB (30), a decoder (40) having a plurality of keys (41) extending therefrom and a controller (50) electrically connected with the decoder (40) are required. The keys (41) each correspond Each key corresponds to one of the coding buttons (13) and is driven by the controller (50). When [[.]] such that when the

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unpacking of the encased PCB (30) is necessary for data storage or program updating, the controller (50), preferably a personal computer, a laptop computer or a notebook computer, will generate a signal to activate the decoder (40). The decoder (40), after receiving the signal from the controller (50), will then send out a signal to drive the keys (41) to "punch" the coding buttons (13) within a time period of 100 ms. The coding buttons (13) are predetermined such that after receiving the "punch" by the keys (41), the program stored in the IC will detect whether the sequence of the punch to the coding buttons (13) is correct. If the result of the detection shows that the sequence of the punch to the coding buttons (13) is not in the predetermined sequence, then the program stored in the IC will [[then]] send out a signal to destroy [[every]] all information in the IC. However, if the sequence of [[he]] the punch to the coding buttons (13) is in the predetermined sequence, then the program stored in the IC will [[then]] send out a signal to allow unpacking the encased PCB (30).

Page 5, amend paragraph [0017] as:

[0017] Referring to Figs. 3 and 4, another embodiment of maintaining and updating the information stored in the IC is disclosed. When maintaining or updating information in the IC is necessary, an interface (60) (preferably a smart card) enabling the circuit to store information therein is used. The interface, after receiving a command from the controller (50) to have updated information and/or code therein is then inserted into the trough (12). When the interface (60) is inserted into the trough (12), the program in the IC will automatically match with the pre-stored information and/or code in the interface (60). When the result of the match shows that the code or information in the interface (60) is

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correct, then the upper and lower plates (10,20) are able to be detached. In other words, if the result of the match shows that the code or information in the interface (60) is incorrect, then detaching the upper and lower plates (10,20) will activate the program in the IC to destroy all the information in the IC.
